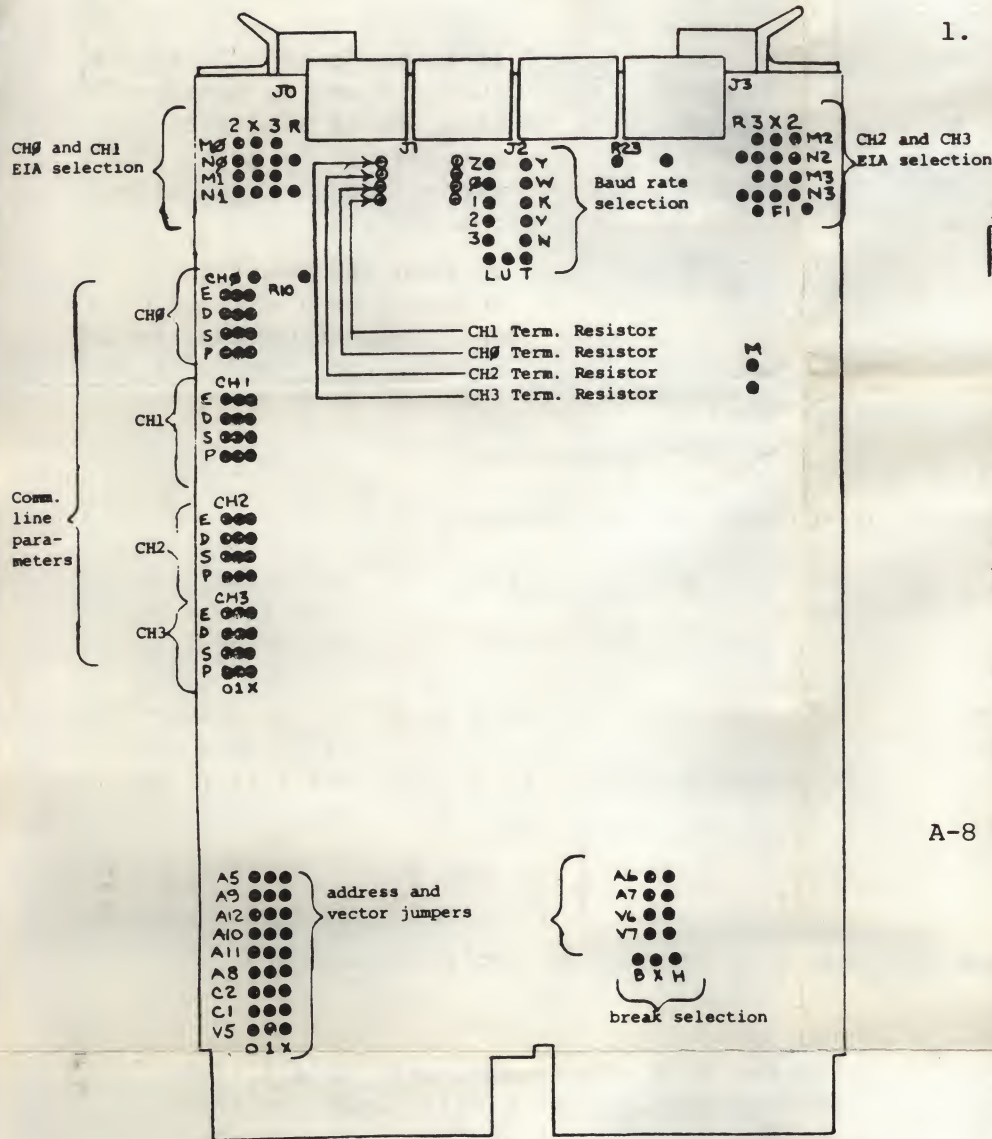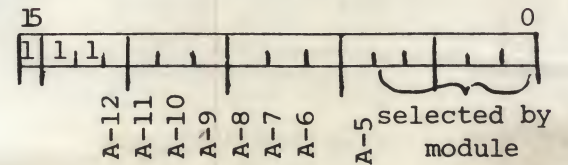# DLV11-J Configuration Guide (M8043)

I = Jumper Inserted
R = Jumper Removed
D = Don't Care

1. Address Selection

Select the base address for the four consecutive channels on this module (channels 0→3)

Note: To configure address bits as a $\emptyset$ or a 1, use the following chart:

Jumper	address bit definition	
	1	$\emptyset$
A-5	pin X to pin 1	pin X to pin $\emptyset$
A-6	insert jumper	remove jumper
A-7	insert jumper	remove jumper
A-8 thru A-12	pin X to pin 1	pin X to pin $\emptyset$

Channel 3	Wire-Wrap Connections
immediately following channel 2	C2-Pin X to Pin $\emptyset$ C1-Pin X to Pin $\emptyset$
as console device	C2-Pin X to Pin 1 C1-Pin X to Pin 1

On the board diagram:

CH$\emptyset$ and CH1 EIA selection

2 X 3 R

CH2 and CH3 EIA selection

R 3 X 2

Baud rate selection

CH1 Term. Resistor
CH$\emptyset$ Term. Resistor
CH2 Term. Resistor
CH3 Term. Resistor

Comm. line parameters

CH$\emptyset$, CH1, CH2, CH3

address and vector jumpers

break selection

Note: to configure the last channel channel 3, at the console address of 177560, the base address of the board must be either 176500
176540
177500

Standard Configuration:

Base address: 1765XX, console device enabled

2. Vector Selection

Select a base vector for the four consecutive channels on this module (channel 0→3).

Note: To configure the vector bits as a $\emptyset$ or a 1, use the following chart:
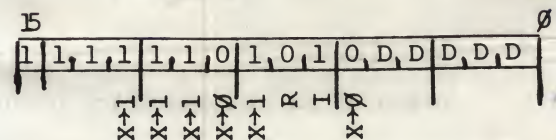
Jumper	vector bit definition	
	1	$\emptyset$
console mode V-5	Pin X to Pin 1	Pin X to Pin $\emptyset$

3. Baud Rate Selection

Wire-wrap the desired channel pin (pin Ø, 1, 2, or 3) to the correct baud rate pin. The following defines the baud rates at each lettered pin:

Pin Letter	Baud Rate
U	150
T	300
V	600
W	1200
Y	2400
L	4800
N	9600
K	19.2K
Z	38.4K

Factory Configuration
channel 0: 9.6K baud
channel 1: 9.6K baud
channel 2: 9.6K baud
channel 3: 300 baud

Note: 1) In the case of multiple channels at the same baud rate, it is necessary and permissible to daisy chain wire-wraps to consecutive channel pins.

2) When 110 baud is supplied to a channel by the DLV11-KA option, ensure no baud rate jumper is inserted on that channel.

4. Communication Line Parameters

Each channel is configured as described below for one channel:

a. Parity Inhibit

Selection	Jumper P
no parity*	Pin X to 1
parity enabled	Pin X to Ø

b. Parity Selection*

Type Parity	Jumper E
even	Pin X to 1
odd	Pin X to Ø

Factory Configuration
1) No parity
2) Odd parity selected
3) 8 data bits
4) 1 stop bit

c. Number of Data Bits

No. of bits	Jumper D
7	Pin X to Ø
8	Pin X to 1

d. Number of Stop Bits

No. of Bits	Jumper S
1	Pin X to Ø
2	Pin X to 1

*Note: Jumper E must be connected to Ø or 1 even if no parity is selected

5. Console-Channel 3 Options

Option	Jumper
halt on break	Pin X to H
reboot on break*	Pin X to B
ignore break	No jumpers

*Do not send continual breaks to a system so configured, as it will cause continued re-initializing of any device on the bus.

6. EIA Selection

Channel Ø is configured as described below:

EIA Type	Jumpers	
	NØ	MØ
RS-423, RS-232C	X to 3	X to 3
RS-422	X to 2	X to 2
20mA*	removed	X to 3

*20mA capability requires the DLV11-KA cable option. For TTY's with reader run relays, connect jumper N pin X to Pin R. Use of the DLV11-KA requires a 1.0 A pico-fuse in position F1.

Channel 1 (N1, M1), channel 2 (N2, M2), and channel 3 (N3, M3) are configured in an identical manner.

7. Miscellaneous

Jumper M is for manufacturing only - must be inserted.